

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1	"20040135701"	US-PGPUB; USPAT	OR	OFF	2009/07/08 13:30
L6	12	{"5192947" "5224150" "5453929" "5541572" "5815407" "5842112" "5887258" "5907613" "6011973" "6098118" "6343213" "6477384").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 13:32
L7	5	"6980079"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 15:23
L8	1	"6983306"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 15:24
S1	1	{"6529605").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/15 15:15
S2	2	"20030002688"	US-PGPUB; USPAT	OR	OFF	2006/11/15 15:17
S3	1	"20060045280"	US-PGPUB; USPAT	OR	OFF	2006/11/15 15:17
S4	527	381/58	US-PGPUB; USPAT	OR	OFF	2006/11/27 12:36
S5	532818	conflict or noise	US-PGPUB; USPAT	OR	OFF	2006/11/27 10:53
S6	275	S4 and S5	US-PGPUB; USPAT	OR	OFF	2006/11/27 10:53
S7	11	{"20020169614" "3582671" "3661224" "3667138" "3913081" "4122432" "4424511" "5400011" "5778077" "5971913" "6421644").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/27 11:35
S8	61706	:hierarchical	US-PGPUB; USPAT	OR	OFF	2006/11/27 12:37

S9	8	S4 and S8	US-PGPUB; USPAT	OR	OFF	2006/11/27 12:40
S10	2216	"audio sources"	US-PGPUB; USPAT	OR	OFF	2006/11/27 12:40
S11	18	S4 and S10	US-PGPUB; USPAT	OR	OFF	2006/11/27 12:40
S12	5	audio near conflict	US-PGPUB; USPAT	OR	OFF	2006/11/27 13:06
S13	1835	audio near (conflict or noise)	US-PGPUB; USPAT	OR	ON	2006/11/27 13:06
S14	0	"boss-gregory.in"	US-PGPUB; USPAT	OR	OFF	2006/11/29 11:33
S15	0	"boss-gregory\$.in"	US-PGPUB; USPAT	OR	OFF	2006/11/29 11:34
S16	0	"boss-gregory\$.in."	US-PGPUB; USPAT	OR	OFF	2006/11/29 11:34
S17	0	"boss-gregory\$.inv."	US-PGPUB; USPAT	OR	OFF	2006/11/29 11:34
S18	16	boss-gregory\$.in.	US-PGPUB; USPAT	OR	OFF	2006/11/29 12:44
S19	97	gusler-carl\$.in.	US-PGPUB; USPAT	OR	OFF	2006/11/29 14:56
S20	140	hamilton-rick\$.in.	US-PGPUB; USPAT	OR	OFF	2006/11/29 15:04
S21	78	seaman-james\$.in.	US-PGPUB; USPAT	OR	OFF	2006/11/29 15:04
S22	6	"5528673"	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:27
S23	1	"20040185778"	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:32
S24	727	379/102	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:32
S25	1289	455/41	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:32

S26	16156	(memory or storage) near database	US-PGPUB; USPAT	OR	OFF	2007/04/16 17:08
S27	727	379/102	US-PGPUB; USPAT	OR	OFF	2007/04/16 17:08
S28	4	S26 and S27	US-PGPUB; USPAT	OR	OFF	2007/04/16 18:00
S29	5312	noise near cancel\$4	US-PGPUB; USPAT	OR	OFF	2007/04/16 18:00
S30	0	S27 and S29	US-PGPUB; USPAT	OR	OFF	2007/04/16 18:09
S31	554	381/58	US-PGPUB; USPAT	OR	OFF	2007/04/16 18:09
S32	15	S29 and S31	US-PGPUB; USPAT	OR	OFF	2007/04/16 18:09
S33	20	(US-20030002688-\$ or US-20060045280-\$ or US-20020169614-\$ or US-20020131604-\$ or US-20040185778-\$ or US-20020143413-\$).did. or (US-6594363-\$ or US-5400011-\$ or US-6686839-\$ or US-6529605-\$ or US-5971913-\$ or US-6413097-\$ or US-7043028-\$ or US-6209028-\$ or US-6252968-\$ or US-5528673-\$ or US-6071123-\$ or US-6813577-\$ or US-5329593-\$ or US-6721428-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/04/17 10:27
S34	5319	noise near cancel\$4	US-PGPUB; USPAT	OR	OFF	2007/04/17 10:27
S35	2	S33 and S34	US-PGPUB; USPAT	OR	OFF	2007/04/17 11:29
S36	1	S33 and barrier	US-PGPUB; USPAT	OR	OFF	2007/04/17 11:30
S37	727	379/102	US-PGPUB; USPAT	OR	OFF	2007/04/17 11:30
S38	18	S37 and barrier	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:48
S39	29335	tabular	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:16

S40	728	379/102	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:17
S41	4	S39 and S40	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:18
S42	561	381/58	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:18
S43	10	S39 and S42	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:18
S44	0	"physial barrier"	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:48
S45	7360	"physical barrier"	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:48
S46	1482071	S45 or door or wall	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:49
S47	728	379/102	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:49
S48	170	S46 and S47	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:50
S49	0	S45 and S47	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:50
S50	0	S45 and 381/58	US-PGPUB; USPAT	OR	OFF	2007/04/30 09:50
S51	1020	381/104	US-PGPUB; USPAT	OR	OFF	2007/06/20 18:59
S52	948	S51 and control	US-PGPUB; USPAT	OR	OFF	2007/06/20 19:03
S53	0	S51 and control7 and location	US-PGPUB; USPAT	OR	OFF	2007/06/20 19:04
S54	243	S51 and control and location	US-PGPUB; USPAT	OR	OFF	2007/06/20 19:04

S55	44	{"3789143" "4169219" "4216427" "4249042" "4306202" "4322579" "4368435" "4482973" "4553257" "4558460" "4562591" "4628526" "4641361" "4853963" "4859964" "4868881" "4882762" "4891837" "4947133" "4953221" "4972164" "5081682" "5107539" "5170437" "5172358" "5208866" "5434922" "5444788" "5450494" "5463695" "5509081" "5530761" "5550922" "5550925" "5615270" "5631968" "5666426" "5784476" "5796847" "5844994" "5983183" "6104222" "6529605" "6678382").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 10:26
S56	98	{"20020068986" "20030128859" "20030165247" "3571529" "3718763" "3764745" "3808354" "3894195" "3962543" "3989904" "4039750" "4051331" "4201225" "4284847" "4289935" "4425481" "4471171" "4548082" "4622440" "4677679" "4731850" "4791672" "4868880" "4879749" "4887299" "4926139" "5027410" "5046102" "5086464" "5146501" "5195132" "5197332" "5333195" "5355418" "5371799" "5388185" "5406633" "5406635" "5452359" "5485515" "5495534" "5500902" "5521919" "5524148" "5526423" "5539806" "5592545" "5596507" "5608803" "5615270" "5630159" "5638438" "5663727" "5706352" "5717767" "5721783" "5737389" "5737719" "5794201" "5802164" "5811681" "5848171" "5854843" "5854978" "5867457" "5868683" "5890124" "5892836" "5896449" "5903655" "5907823" "5910990" "5923764" "5928160" "5930758" "5943413" "5956674" "5974380" "5978762" "5987418" "6022315" "6029126" "6036496" "6055502" "6061431" "6072885" "6078675" "6094481" "6098039" "6104822" "6212496" "6322521" "6433801" "6463128" "6674867" "6684063" "6694143" "6913578").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 11:19
S57	11	{"4243973" "4425477" "4438527" "4442319" "4626848" "4805206" "4807052" "4885579" "5128987" "5233646" "5251253").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/21 12:11

S58	6	{"5528673").URPN.	USPAT	OR	OFF	2007/06/21 12:25
S59	0	"20040135701"	USPAT	OR	OFF	2007/06/21 12:25
S60	1	"20040135701"	US-PGPUB; USPAT	OR	OFF	2007/06/21 14:18
S61	66	{381/104 and temperature	US-PGPUB; USPAT	OR	OFF	2007/06/21 15:12
S62	56	yasuda-kei\$.in.	US-PGPUB; USPAT	OR	OFF	2007/06/21 15:13
S63	3	motohashi-yoshihiko\$.in.	US-PGPUB; USPAT	OR	OFF	2007/06/21 15:14
S64	3	okuno-kohji\$.in.	US-PGPUB; USPAT	OR	OFF	2007/06/21 15:14
S65	27	{(US-20040135701-\$ or US-20020143413-\$ or US- 20020131604-\$ or US-20020169614-\$ or US-20060045280- \$ or US-20030002688-\$ or US-20040185778-\$).did. or (US- 5400011-\$ or US-7043028-\$ or US-6999591-\$ or US- 6721428-\$ or US-5971913-\$ or US-6413097-\$ or US- 5218627-\$ or US-7181297-\$ or US-5329593-\$ or US- 6594363-\$ or US-6252968-\$ or US-6209028-\$ or US- 6071123-\$ or US-5528673-\$ or US-6529605-\$ or US- 7020488-\$ or US-6686839-\$ or US-5424587-\$ or US- 5488654-\$ or US-6813577-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:16
S66	11	{S65 and threshold	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:22
S67	379	{381/107 and threshold	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:34
S68	0	{381/107 and (threshold near sources)	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:34
S69	379	{381/107 and (threshold same sources)}	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:34
S70	20	{381/107 and (threshold same sources)}	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:44

S71	40	381/104 and (threshold same sources)	US-PGPUB; USPAT	OR	OFF	2007/06/24 21:12
S72	25	{"4375287" "4588187" "4593904" "4825054" "5252775" "5339095" "5355302" "5389950" "5499921" "5546039" "5561709" "5659466" "5680533" "5691964" "5697844" "5781889" "5864811" "5903266" "6018726" "6247022" "6280327" "6308204" "6336219" "6544122" "6590838").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/24 21:07
S73	1180	(volume near control) same sources	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/24 21:07
S74	43	S73 and 381/104	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/24 21:07
S75	37	381/104 and (threshold same channels)	US-PGPUB; USPAT	OR	OFF	2007/06/24 21:18
S76	182	381/104 and (threshold same signals)	US-PGPUB; USPAT	OR	OFF	2007/06/24 21:19
S77	160908	solenoid	US-PGPUB; USPAT	OR	OFF	2007/06/25 10:03
S78	4	S77 and 381/104	US-PGPUB; USPAT	OR	OFF	2007/06/25 11:13
S79	384	S77 near door	US-PGPUB; USPAT	OR	OFF	2007/06/25 11:14
S80	0	S79 and 381/104	US-PGPUB; USPAT	OR	OFF	2007/06/25 11:13
S81	7	"5528673"	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:39
S82	11	{"4243973" "4425477" "4438527" "4442319" "4626848" "4805206" "4807052" "4885579" "5128987" "5233646" "5251253").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/22 13:09
S83	1050	381/104	US-PGPUB; USPAT	OR	OFF	2007/10/24 10:47
S84	4	S83 and solenoid	US-PGPUB; USPAT	OR	OFF	2007/10/24 10:50

S85	2	{381/105 and solenoid}	US-PGPUB; USPAT	OR	OFF	2007/10/24 10:51
S86	3	{381/106 and solenoid}	US-PGPUB; USPAT	OR	OFF	2007/10/24 10:52
S87	7	{381/107 and solenoid}	US-PGPUB; USPAT	OR	OFF	2007/10/24 10:52
S88	734	{379/102}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:26
S89	0	{specified near user near hierarchical near solenoid near door near audi near level}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:27
S90	0	{specified near user near hierarchical near solenoid near door near audi near level}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:27
S91	0	{specified same user same hierarchical same solenoid same door same audi same level}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:28
S92	0	{specified same user same hierarchical same audi same level}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:28
S93	19	{specified same user same hierarchical same audio same level}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S94	1	{(specified same user same hierarchical same audio same level).clm.}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S95	36211	{(specified same user same hierarchical same audio same levelsame solenoid).clm.}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S96	0	{(specified same user same hierarchical same audio same level same solenoid).clm.}	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S97	1942	{340/825.22}	US-PGPUB; USPAT	OR	OFF	2008/06/25 17:31
S98	864	{S97 and location}	US-PGPUB; USPAT	OR	OFF	2008/06/25 17:31
S99	64	{S97 and (location same distan\$3)}	US-PGPUB; USPAT	OR	OFF	2008/06/25 17:33
S100	10	{"20030011467" "5119504" "5223844" "5386478" "5408238" "5506717" "6081199" "6429769" "6650894" "6681110").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/25 17:44

S101	7	"5528673"	US-PGPUB; USPAT	OR	OFF	2008/07/11 12:58
S102	1	"20030223612"	US-PGPUB; USPAT	OR	OFF	2008/07/11 12:58
S103	36	"5329593"	US-PGPUB; USPAT	OR	OFF	2008/07/11 12:58
S104	19	"5424587"	US-PGPUB; USPAT	OR	OFF	2008/07/11 12:59
S105	1	"20070274539"	US-PGPUB; USPAT	OR	OFF	2008/07/11 13:51
S106	39	(US-20020131604-\$ or US-20040156514-\$ or US-20050047612-\$ or US-20030223612-\$ or US-20060045280-\$ or US-20030002688-\$ or US-20020143413-\$ or US-2004008851-\$ or US-20040185778-\$ or US-20050030168-\$ or US-20040135701-\$ or US-20020169614-\$ or US-20070274539-\$).did. or (US-6813577-\$ or US-5233646-\$ or US-5400011-\$ or US-6594363-\$ or US-6529605-\$ or US-6071123-\$ or US-6209028-\$ or US-6252968-\$ or US-6686839-\$ or US-7043028-\$ or US-7020488-\$ or US-6721428-\$ or US-5971913-\$ or US-6413097-\$ or US-5329593-\$ or US-5488654-\$ or US-5424587-\$ or US-5218627-\$ or US-7181297-\$ or US-6898161-\$ or US-6999591-\$ or US-5528673-\$ or US-6876310-\$ or US-6681110-\$ or US-6650894-\$ or US-6329908-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/12/08 16:31
S107	20	S106 and location	US-PGPUB; USPAT	OR	OFF	2008/12/08 16:33
S108	12	S106 and distan\$3	US-PGPUB; USPAT	OR	OFF	2008/12/08 16:37

S109	39	(US-20020131604-\$ or US-20040156514-\$ or US-20050047612-\$ or US-20030223612-\$ or US-20060045280-\$ or US-20030002688-\$ or US-20020143413-\$ or US-20040008851-\$ or US-20040185778-\$ or US-20050030168-\$ or US-20040135701-\$ or US-20020169614-\$ or US-20070274539-\$).did. or (US-6813577-\$ or US-5233646-\$ or US-5400011-\$ or US-6594363-\$ or US-6529605-\$ or US-6071123-\$ or US-6209028-\$ or US-6252968-\$ or US-6686839-\$ or US-7043028-\$ or US-7020488-\$ or US-6721428-\$ or US-5971913-\$ or US-6413097-\$ or US-5329593-\$ or US-5488654-\$ or US-5424587-\$ or US-5218627-\$ or US-7181297-\$ or US-6898161-\$ or US-6999591-\$ or US-5528673-\$ or US-6876310-\$ or US-6681110-\$ or US-6650894-\$ or US-6329908-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/01/16 11:32
S110	16	\$109 and threshold	US-PGPUB; USPAT	OR	OFF	2009/01/16 11:32
S111	4	"10925262"	US-PGPUB; USPAT	OR	OFF	2009/01/16 12:21
S112	351	(381/104,105,109,58).ccls. and threshold	US-PGPUB; USPAT	OR	OFF	2009/01/16 12:50
S113	0	379/102.3 and threshold	US-PGPUB; USPAT	OR	OFF	2009/01/16 12:51
S114	409	455/41.2 and threshold	US-PGPUB; USPAT	OR	OFF	2009/01/16 12:51
S115	14	(381/104,105,109,58).ccls. and solenoid	US-PGPUB; USPAT	OR	OFF	2009/01/16 12:51
S116	1	"20070274539"	US-PGPUB; USPAT	OR	OFF	2009/06/04 10:10
S117	2	(aud\$6 same source\$3 same solenoid same circuit same conflict\$2 same level same thresh\$6 same door).clm.	US-PGPUB; USPAT	OR	OFF	2009/06/04 10:14
S118	15	(381/104,105,109,58).ccls. and solenoid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 10:18
S119	1090	(381/104,105,109,58).ccls. and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 10:19

S120	365	(381/104,105,109,58).ccls. and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 10:19
S121	0	(379/102.3 and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 10:19
S122	990	(340/540 and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 10:20
S123	12	(381/104,105,109,56).ccls. and solenoid	US-PGPUB; USPAT	OR	OFF	2009/06/04 10:23
S124	18	(379/102.3	US-PGPUB; USPAT	OR	OFF	2009/06/04 10:26
S125	1	"20060045289"	US-PGPUB; USPAT	OR	OFF	2009/06/04 10:56
S126	1	"20050207594"	US-PGPUB; USPAT	OR	OFF	2009/06/04 10:58
S127	8	"4126827"	US-PGPUB; USPAT	OR	OFF	2009/06/04 11:07
S128	1	"20030179890"	US-PGPUB; USPAT	OR	OFF	2009/06/04 11:09
S129	945	(381/104,105,106,107,108,109,58,56,77).ccls. and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/05 15:18
S130	8	(381/104,105,106,107,108,109,58,56,77).ccls. and (threshold near sourc\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/05 15:19
S131	604	(381/56,58,59,77).ccls. and distan\$4	US-PGPUB; USPAT	OR	OFF	2009/07/07 15:21
S132	89	(381/56,58,59,77).ccls. and (distan\$4 same apparatus)	US-PGPUB; USPAT	OR	OFF	2009/07/07 15:21
S133	1	"20040135701"	US-PGPUB; USPAT	OR	OFF	2009/07/07 15:32

7/8/2009 4:01:40 PM

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